

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-14. (Cancelled)

15. (Currently Amended) A system for a joint tactical radio system (JTRS) compliant device for providing that provides communication at low power requirements, the system comprising:

an object request broker (ORB) that marshals data from a waveform application, wherein at least a portion of the object request broker is implemented in hardware rather than software;

a pluggable protocol interface for communicating that communicates the marshaled data from the object request broker ORB, wherein at least a portion of the pluggable protocol interface is implemented in hardware; and[[,]]

a memory pool that communicates data from the pluggable protocol interface directly and without transport overhead;

wherein the portion of the pluggable protocol interface and the portion of the object request broker ORB implemented in hardware comprise logic and data formatting functions of the object request broker ORB that are determined to consume excessive processor throughput for a specific software application and an interface to the a shared memory pool, wherein the logic and data formatting functions are implemented as a programmable application specific integrated circuit, wherein the pluggable protocol interface utilizes an operating system protocol stack, wherein the operating system protocol stack is implemented in hardware,; and

a memory pool that communicates data from the pluggable protocol interface directly and without transport overhead.

16-18. (Cancelled)

19. (Original) The system of claim 15, wherein the JTRS compliant device is in an unmanned craft.

20. (Original) The system of claim 15, wherein the JTRS compliant device is a battery powered radio.

21-23. (Cancelled)

24. (Previously Presented) The system of claim 15, wherein the pluggable protocol interface is entirely implemented in hardware.

25. (Previously Presented) The system of claim 15, wherein the object request broker is entirely implemented in hardware.

26. (Previously Presented) The system of claim 25, wherein no middleware is used.

27. (Previously Presented) The system of claim 15, wherein the JTRS compliant device is in an unmanned ground sensor.

28. (Previously Presented) The system of claim 15, wherein the JTRS compliant device is in a missile.

29. (Cancelled)